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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

SEP 12 2002

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In re application of:

ASASHIMA, *et al.*

Appl. No. 09/890,351

Confirmation No. 1990

Filed: July 30, 2001

For: ORGANS FOR TRANSPLANTATION  
INDUCED IN VITRO

Art Unit: 1632

Examiner: Qian J. LI

Atty. Docket No. 31671-173644

Customer No.



26694

PATENT TRADEMARK OFFICE

Amendment

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action issued April 10, 2002, please enter the following amendments and consider the following remarks, along with the Declaration of Makota Asashima, which is filed herewith. Please extend the time to respond for two months until September 10, 2002, for which purpose a check for the requisite extension fee is enclosed. Should any refund be due, or any further fee required for the consideration of this paper, please charge such fee or credit such refund to Deposit Account No. 22-0261 and notify the undersigned.

IN THE CLAIMS:

Cancel claims 1-17 without prejudice and enter the following claims:

--18. A method of preparing an *in vitro* induced organ that functions *in vivo* when the organ is transplanted into a recipient vertebrate of the same species, comprising the steps of

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i) determining the stage of the recipient vertebrate by an examination using genome DNA which expresses corresponding to the stage of organs as a molecular marker, and/or by observation of organ tissues; and